

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/536,809
				International Filing Date	May 28, 2004
				371(c) Date	May 27, 2005
				First Named Inventor	Daisuke TENMIZU et al.
				Art Unit	1634
				Examiner Name	Jeanine Anne GOLDBERG
Sheet	1	of	2	Attorney Docket Number	08959.0011-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials*	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation
		Country Code Number Kind Code (if known)				

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation	
		BERTILSSON, 2002, KALOW, et al., eds., ISHIKAWA trans-ed., "PHARMACOGENOMICS - 21SEIKINOSOUYAKUTOKONOIROYOU-", 1 st ed., TECHNOMICS, Dec. 2002, p. 29-43 (non-patent reference 12)*	Yes	
		BLAISDELL et al., 1998, "Isolation of a new canine cytochrome P450 cDNA from the cytochrome P450 2C subfamily (CYP2C41) and evidence for polymorphic differences in its expression," Drug Metabolism and Disposition, Vol. 26, No. 3, p. 278-283. (non-patent reference 5)		
		CIACCIO et al., 1991, "cDNA and deduced amino acid sequences of a dog liver cytochrome P-450 of the IIIA gene subfamily," Biochimica et Biophysica Acta, Vol. 1088, p. 319-322. (non-patent reference 8)		
		EGUCHI et al., 1996, "Qualitation of cytochrome P450 enzymes (CYP1A1/2, 2B11, 2C21, and 3A12) in dog liver microsomes by enzyme-linked immunosorbent assay," Xenobiotica, Vol. 26, No. 7, p. 755-763. (non-patent reference 11)		
		FRASER et al., 1997, "Isolation, heterologous expression and functional characterization of a novel cytochrome P450 3A enzyme from a canine liver cDNA library," The Journal of Pharmacology and Experimental Therapeutics, Vol. 283, No. 3, p. 1425-1432. (non-patent reference 9)		
		GRAVES et al., 1990, "cDNA and deduced amino acid sequences of a dog hepatic cytochrome P450IIB responsible for the metabolism of 2,2',4,4',5,5'-hexachlorobiphenyl," Archives of Biochemistry and Biophysics", Vol. 281, No. 1, p. 106-115. (non-patent reference 4)		
		HOFFMEYER et al., 2000, "Functional polymorphisms of the human multidrug-resistance gene: multiple sequence variations and correlation of one allele with P-glycoprotein expression and activity <i>in vivo</i> ," PNAS, Vol. 97, No. 7, p. 3473-3478. (non-patent reference 18)		
		KATO and KAMATAKI ed., "YAKUBUTUTAISHAGAKU -IRYOUYAKUGAKU / DOKUSEIGAKU NO KISO TOSHITE-", 2 nd ed., TOKYO KAGAKUDOUJIN, Oct. 2000, p. 9-19 (non-patent reference 1)	Relevance Provided	
		KATO and KAMATAKI ed., "YAKUBUTUTAISHAGAKU -IRYOUYAKUGAKU / DOKUSEIGAKU NO KISO TOSHITE-", 2 nd ed., TOKYO KAGAKUDOUJIN, Oct. 2000, p. 19-20. (non-patent reference 10)	Relevance Provided	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
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		KATO and KAMATAKI ed., "YAKUBUTUTAISHAGAKU -IRYOUYAKUGAKU / DOKUSEIGAKU NO KISO TOSHITE-", 2 nd ed., TOKYO KAGAKUDOUJIN, Oct. 2000, p. 141-155 (non-patent reference 16)	Relevance Provided	
		LANKFORD et al., 2000, "Cloning of canine cytochrome P450 2E1 cDNA: identification and characterization of two variant alleles," Drug Metabolism and Disposition, Vol. 28, No. 8, p. 981-986. (non-patent reference 7)		
		MEALEY et al., 2001, "Ivermectin sensitivity in collies is associated with a deletion mutation of the <i>mdr1</i> gene," Pharmacogenetics, Vol. 11, p. 727-733. (non-patent reference 19)		
		MIYASHITA et al., 2002, Poster 20PE-46 entitled "Polymorphism in pharmacokinetics of YM-64227 in dogs," from <i>The 17th Annual Meeting of the Japanese Society for the Study of Xenobiotics, poster session</i> , (1 page), with translation (2 pages). (non-patent reference 21)	Yes	
		NAKAJIMA et al., 1999, "Genetic polymorphism in the 5'-flanking region of human <i>CYP1A2</i> gene: effect on the <i>CYP1A2</i> inducibility in humans," J. Biochem., Vol. 125, No. 4, p. 803-808. (non-patent reference 13)		
		OTOKAWA, "INU NO SEIBUTUGAKU", 1 st ed., ASAKURA SHOTEN, Sept. 1969, p. 179-187. (non-patent reference 2)	Relevance Provided	
		PAULSON et al., 1999, "Evidence for polymorphism in the canine metabolism of the cyclooxygenase 2 inhibitor, celecoxib," Drug Metabolism and Disposition, Vol. 27, No. 10, p. 1133-1142. (non-patent reference 20)		
		SACHSE et al., 1999, "Functional significance of a C→A polymorphism in intron 1 of the cytochrome P450 <i>CYP1A2</i> gene tested with caffeine," British Journal of Clinical Pharmacology, Vol. 47, p. 445-449. (non-patent reference 14)		
		SAKAMOTO et al., 1995, "A new cytochrome P450 form belonging to the CYP2D in dog liver microsomes: purification, cDNA cloning, and enzyme characterization," Archives of Biochemistry and Biophysics, Vol. 319, No. 2, p. 372-382. (non-patent reference 6)		
		SALAVAGGIONE et al., 2002, "Canine red blood cell thiopurine S-methyltransferase: companion animal pharmacogenetics," Pharmacogenetics, Vol. 12, p. 713-724. (non-patent reference 17)		
		WELFARE et al., 1999, "Detailed modelling of caffeine metabolism and examination of the <i>CYP1A2</i> gene: lack of a polymorphism in <i>CYP1A2</i> in caucasians," Pharmacogenetics, Vol. 9, p. 367-375. (non-patent reference 15)		
		* The non-patent reference numbers refer to the numbered references cited in the specification and listed on pages 6-7 of the specification.		

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.